

gi|12311218|emb|CAC22595.1| unnamed protein product [Hirudinaria manillensis]
Length = 488

Score = 962 bits (2486), Expect = 0.0
Identities = 488/488 (100%), Positives = 488/488 (100%)

Query: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV 60
KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV
Sbjct: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV 60

Query: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVLKLTG 120
GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVLKLTG
Sbjct: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVLKLTG 120

Query: 121 SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180
SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS
Sbjct: 121 SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180

Query: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMVSVYKGLADGAGDLVTAFTL 240
AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMVSVYKGLADGAGDLVTAFTL
Sbjct: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMVSVYKGLADGAGDLVTAFTL 240

Query: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD 300
HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD
Sbjct: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD 300

Query: 301 VSDRYVSGFLTLDKLGSAANNVKKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMHVHNSLV 360
VSDRYVSGFLTLDKLGSAANNVKKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMHVHNSLV
Sbjct: 301 VSDRYVSGFLTLDKLGSAANNVKKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMHVHNSLV 360

Query: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKGSITIFALNVGDEEVTLKIDQYGG 420
GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKGSITIFALNVGDEEVTLKIDQYGG
Sbjct: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKGSITIFALNVGDEEVTLKIDQYGG 420

Query: 421 KKIYSYILTPEGGLTSQKVLNKGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVSD 480
KKIYSYILTPEGGLTSQKVLNKGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVSD
Sbjct: 421 KKIYSYILTPEGGLTSQKVLNKGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVSD 480

Query: 481 ANVEACKK 488
ANVEACKK
Sbjct: 481 ANVEACKK 488

>gi|12311214|emb|CAC22593.1| unnamed protein product [Hirudinaria manillensis]
Length = 488

Score = 905 bits (2340), Expect = 0.0
Identities = 463/488 (94%), Positives = 471/488 (96%)

Query: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV 60
KEIAVTIDDKNVIAS S SF GVAFDASLFSPKG WSFV+ITSPKLFKLLLEGLSPGYFRV
Sbjct: 1 KEIAVTIDDKNVIASASGSFGLVAFDASLFSPKGLWSFVDITSPKLFKLLLEGLSPGYFRV 60

Query: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVLKLTG 120
GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVLKLTG
Sbjct: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVLKLTG 120

Query: 121 SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180
SKMRLFLDLNAEVRTGYEIGK TSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS
Sbjct: 121 SKMRLFLDLNAEVRTGYEIGKMTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180

Query: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMVSVYKGLADGAGDLVTAFTL 240
AHNLTEKQVGEDFKALHKVLEKYPTLNKGS VGPVGMVSVYKGLAD AGD VTAFTL
Sbjct: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVGPVGMVSVYKGLADEAGDHVTAFTL 240


Query: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD 300
HQYYFDGNTSDVS YLDA+YFKKLQQLFDKVKDVLK+SPHKD+PLWLGETSSG NSGT+D
Sbjct: 241 HQYYFDGNTSDVSIYLDATYFKKLQQLFDKVKDVLKDSPHKDEPLWLGETSSGYNSTED 300

Query: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMVHNSLV 360
 Sbjct: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMVHNSLV 360

Query: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKGSALTIFALNVGDEEVTLKIDQYGG 420
 Sbjct: 361 GNTVFKVDV DPTNK RVYAQCTKTNSKHTQ +YYKGSALTIFALNVGD +VTLKI QY G 420

Query: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS 480
 Sbjct: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS 480

Query: 481 ANVEACKK 488
 ANVEACKK
 Sbjct: 481 ANVEACKK 488

 >gi|12311216|emb|CAC22594.1| unnamed protein product [Hirudinaria manillensis]
 Length = 488

Score = 904 bits (2337), Expect = 0.0
 Identities = 462/488 (94%), Positives = 471/488 (96%)

Query: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV 60
 Sbjct: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGLWSFVDITSPKLFKLLLEGLSPGYFRV 60

Query: 61 GGTTFANWLFDDLNNKWKDYWAFKDKTPETATITRRWLFQNNLKKETFDLVKLTKG 120
 Sbjct: 61 GGTTFANWLFDDLNNKWKDYWAFKDKTPETATITRRWLFQNNLKKETFDNLVKLTKG 120

Query: 121 SKMRLFLDLNAEVRTGYEIGKKTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180
 Sbjct: 121 SKMRLFLDLNAEVRTGYEIGKKTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNGPDHTS 180

Query: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPDVGWGMVSYVKGLADGAGDLVTAFTL 240
 Sbjct: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPDVGWGMVSYVKGLADEAGDHVTAFTL 240

Query: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD 300
 Sbjct: 241 HQYYFDGNTSDVSIYLDATYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGYNSGTED 300

Query: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMVHNSLV 360
 Sbjct: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYSGYYGPLDKNTLEPNPDYWLHMVHNSLV 360

Query: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKGSALTIFALNVGDEEVTLKIDQYGG 420
 Sbjct: 361 GNTVFKVDV DPTNK RVYAQCTKTNSKHTQ +YYKGSALTIFALNVGDE+VTLKI QY G 420

Query: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS 480
 Sbjct: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS 480

Query: 481 ANVEACKK 488
 ANVEACKK
 Sbjct: 481 ANVEACKK 488